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MAY 18 2009

Appl. Ser. No.: 10/805,961

Discussion Point(s) and Proposed/Potential Claim Amendment(s)
NOT FOR ENTRY

Discussion Point(s)

1) The light pen of the present invention as claimed in claim 1 includes a photo detective module exposed to an exterior to the body, a control module generating a control signal in response to a sensing signal of the photo detective module and a light generating module generating a second light in response to the control signal. The Examiner states that the photo detector 30 of May corresponds to the photo detective module of the present invention, and the LED 18 of Colgan corresponds to the light generating module of the present invention. However, May does not disclose, teach or suggest the photo detective module exposed to an exterior to the body. Likewise, Colgan does not disclose, teach or suggest the photo detective module, exposed to an exterior to the body. In addition, May or Colgan does not disclose, teach or suggest the control module generates the control signal in response to a sensing signal of the photo detective module.

2) May merely discloses a light pen detecting a light generated from a display device and creating an image based on the detecting signal. Colgan merely discloses a pen generates a light based on pressure on the push-buttons. However, the light pen of the present invention relates to a pen for detecting a first light (change of light intensity) inputted from a display device and for generating a second light in response to a control signal based on the first light so as to provide the second light to the display device having a photo sensor. Thus, the light pen of the present invention is for performing two-way communication both providing and receiving information. In contrast, the light pens of the cited references are for performing one-way communication, or not for either providing or receiving information. Therefore, a technical field and a function of the present invention are different from those of the cited references. Furthermore, technical fields and functions of the cited references are different from each other. Therefore, there is no suggestion and no reasonable expectation to modify the light pens of the cited references so as to obtain technical features of the present invention.

3) Additionally and/or alternatively, Applicants respectfully request discussion and consideration of the proposed claim amendment listed below, included herein strictly for purposes of discussion. In order to support the above arguments in section 2, Applicants may consider amending claim 1 if it would result in the issuance of a notice of allowance.

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Potential Claim Amendment(s) (NOT FOR ENTRY)

1. (Currently Amended) A light pen comprising:

a body;

a photo detective module that is configured to detect a first light inputted from an display device~~external source~~ to output a sensing signal of which level is changed in accordance with an intensity of the first light, the photo detective module being disposed in the body, the photo detective module is exposed to an exterior to the body;

a control module that is configured to output a control signal in response to the sensing signal when the level of the sensing signal is higher than a level of a reference signal; and

a light generating module that is configured to receive a driving power signal in response to the control signal to generate a second light and to provide the second light to the display device.

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